



4-14-04
Image

1647
PTO/SB/21 (08-03)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	09/724,288
		Filing Date	November 28, 2000
		First Named Inventor	Schenk, Dale B.
		Art Unit	1647
		Examiner Name	Sharon L. Turner
Total Number of Pages in This Submission	10	Attorney Docket Number	15270J-004765US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (5 pp.) w/attached 8A (1pp.) & 08B (2 pp.) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Cited references 407-442*; and, Return Postcard
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
* not included in "Total Number of Pages in this Submission"		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Townsend and Townsend and Crew LLP Rosemarie L. Celli Reg. No. 42,397
Signature	
Date	April 12, 2004

CERTIFICATE OF MAILING		
Express Mail Label: EV 338 446 250 I hereby certify that this correspondence is being deposited with the United States Postal Service with "Express Mail Post Office to Address" service under 37 CFR 1.10 on this date Ron Anton and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450		
Typed or printed name	Ron Anton	
Signature		Date April 12, 2004



PATENT
Attorney Docket No.: 15270J-004765US
Client Reference No.: 209-US-CIP8BC5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DALE B. SCHENK et al.

Application No.: 09/724,288

Filed: November 28, 2000

For: PREVENTION AND TREATMENT
OF AMYLOIDOGENIC DISEASE

Examiner: Sharon L. Turner

Art Unit: 1647

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on the attached PTO/SB/08A and PTO/SB/08B forms are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Applicant also cites commonly owned copending applications directed to related subject matter:

09/201,430 filed 11/30/98 issue fee paid on 10/07/03;

09/497,553 filed 02/03/00;

09/724,477 filed 11/28/00 issue fee paid on 10/07/03;

09/723,927 filed 11/28/00 issue fee paid on 10/07/03;

09/723,762 filed 11/28/00 issue fee paid on 10/07/03;

09/724,102 filed 11/28/00 issue fee paid on 10/07/03;

09/724,489 filed 11/28/00 issue fee paid on 10/07/03;

15270J-004727US filed 03/31/04;
15270J-004728US filed 03/31/04;
15270J-004729US filed 03/31/04;
15270J-004733US filed 03/31/04;
15270J-004736US filed 03/31/04;
15270J-004738US filed 03/31/04;
09/322,289 filed 05/28/99;
09/723,713 filed 11/27/00;
09/723,760 filed 11/27/00;
09/724,319 filed 11/27/00;
09/723,384 filed 11/27/00 issued as U.S. 6,710,226 on 03/23/04;
09/724,495 filed 11/27/00;
10/788,666 filed 02/27/04;
10/429,216 filed 05/30/03;
09/580,015 filed 05/26/00;
09/724,940 filed 11/28/00;
09/724,961 filed 11/28/00 issue fee paid on 02/26/04;
09/580,018 filed 05/26/00 issue fee paid on 02/26/04;
09/724,552 filed 11/28/00 issue fee paid on 02/26/04;
09/723,544 filed 11/28/00;
09/724,273 filed 11/28/00;
09/724,551 filed 11/28/00; issue fee paid on 02/26/04;
09/724,288 filed 11/28/00;
10/777,792 filed 02/11/04;
15270J-004767US filed 04/12/04;
09/580,019 filed 05/26/00;
09/723,765 filed 11/28/00;
09/724,291 filed 11/28/00;
09/724,929 filed 11/28/00;
09/585,817 filed 06/01/00;

09/724,567 filed 11/28/00 notice of allowance mailed 03/02/04;
09/724,575 filed 11/28/00;
09/724,953 filed 11/28/00 notice of allowance mailed 03/11/04;
09/724,570 filed 11/28/00;
09/585,656 filed 06/01/00;
09/723,766 filed 11/27/00;
09/723,725 filed 11/27/00;
09/579,690 filed 05/26/00;
09/979,701 filed 03/13/01 (U.S. Nat'l Stage of PCT/US00/14810 filed 05/26/00);
09/979,952 filed 04/04/02 (U.S. Nat'l Stage of PCT/US00/15239 filed 06/01/00);

and,

09/980,568 filed 03/12/02 (U.S. Nat'l Stage of PCT/US00/15302 filed 06/01/00).

Applicant also cites the following copending applications directed to related subject matter but subject to different assignment:

10/010,942 filed 12/06/01;
10/789,273 filed 2/27/04;
10/232,030 filed 08/30/02;
10/388,389 filed 03/12/03
10/703,713 filed November 7, 2003
10/704,070 filed November 7, 2003
10/388,214 filed 03/12/03;
60/474,654 filed 05/30/03;
60/530,481 filed 12/17/03; and,
10/771,174 filed 02/04/04.

Applicant further cites the following commonly owned abandoned applications directed to related subject matter:

60/067,740 filed 12/02/97;
60/080,970 filed 04/07/98;
60/067,219 filed 12/03/97;

60/079,697 filed 03/27/98;
09/204,838 filed 12/03/98;
09/724,921 filed 11/28/00;
60/137,010 filed 06/01/99;
60/251,892 filed 12/6/00;
60/137,047 filed 06/01/99; and,
60/136,655 filed 05/28/99.

Applicant also cites the following abandoned application directed to related subject matter but subject to different assignment:

60/251,892 filed 12/06/00;
60/444,150 filed 02/01/03; and,
60/363,751 filed 03/12/02.

Applicant points out that the following applications are now commonly assigned but were previously subject to different assignment than the present application:

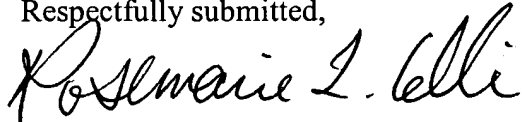
60/067,219 filed 12/03/97;
60/079,697 filed 03/27/98;
09/204,838 filed 12/03/98;
09/724,921 filed 11/28/00; and,
09/724,929 filed 11/28/00.

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in this statement.

Applicant believes that no fee is required for submission of this statement.

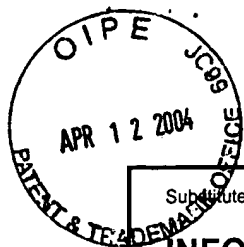
However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Rosemarie L. Celli". The signature is fluid and cursive, with the first name "Rosemarie" being more prominent than the last name "Celli".

Rosemarie L. Celli
Reg. No. 42,397

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60186317 v1



Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/724,288
				Filing Date	November 28, 2000
				First Named Inventor	Schenk, Dale B.
				Art Unit	1647
				Examiner Name	Sharon L. Turner
(use as many sheets as necessary)				Attorney Docket Number	15270J-004765US
Sheet	2	of	3		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	418	BORK, P., "Powers and Pitfalls in Sequence Analysis: The 70% Hurdle," <u>Genome Research</u> , 10:398-400 (2000)	
	419	BORK et al., "Go hunting in sequence databases but watch out for the traps," <u>Trends in Genetics</u> , 12(10):425-427 (1996).	
	420	BRENNER, S. E., "Errors in genome annotation," <u>Trends in Genetics</u> , 15(4):132-133 (1999).	
	421	CASTILLO et al., "Amylin / Islet Amyloid Polypeptide: Biochemistry, Physiology, Patho-Physiology," <u>Diabete & Metabolisme (Paris)</u> , 21:3-25 (1995).	
	412	DAS et al., "Amyloid- β Immunization Effectively Reduces Amyloid Deposition in FcR γ Knock-Out-Mice," <u>J. Neuroscience</u> , 23(24):8532-8538 (2003).	
	436	DICKSON et al., "Neuroimmunology of Alzheimer's disease: a conference report," <u>Neurobiology of Aging</u> , 13(6):793-798 (1992), abstract only	
	422	DOERKS et al., "Protein annotation: detective work for function prediction," <u>Trends in Genetics</u> , 14(6):248-250 (1998).	
	407	ECK et al., <i>Goodman and Gilman's The pharmacological basis of therapeutics</i> , Chapter 5, pages 77-101 (1996)	
	423	FONSECA et al., "The Presence of Isoaspartic Acid in β -Amyloid Plaques Indicates Plaque Age," <u>Experimental Neurology</u> , 157(2):277-288 (1999).	
	424	GOLDSBY et al., "Vaccines," Chapter 18 from <i>Immunology, 4th Edition</i> , W.H. Freeman and Company, New York, pages 449-465.	
	413	HOLTZMAN et al., "A β immunization and anti-A β antibodies: potential therapies for the prevention and treatment of Alzheimer's disease," <u>Advanced Drug Delivery Reviews</u> , 54:1603-1613 (2002).	
	434	KELLY, J. W., "Alternative conformations of amyloidogenic proteins govern their behavior," <u>Current Opinion in Structural Biology</u> , 6:11-17 (1996).	
	408	MARSHALL, E., "Gene Therapy's Growing Pains," <u>Science</u> , 269:1050-1055 (1995).	
	439	NALBANTOGLU, J., "Beta-amyloid protein in Alzheimer's disease," <u>Can. J. Neurol. Sci.</u> , 18(3 suppl.):424-427 (1991), abstract only	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



SUBSTITUTE for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/724,288
				Filing Date	November 28, 2000
				First Named Inventor	Schenk, Dale B.
				Art Unit	1647
				Examiner Name	Sharon L. Turner
Sheet	3	of	3	Attorney Docket Number	15270J-004765US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	425	NGO et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," pages 492-495 from Chapter 14 of <i>The Protein Folding Problem and Tertiary Structure Prediction</i> , Merz et al., eds., Birkhauser Boston (1994).		
	409	ORKIN et al., <i>Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy</i> , December 7, 1995		
	437	PERSSON et al., "IgG subclass-associated affinity differences of specific antibodies in humans," <i>J. Immunology</i> , 140(11):3875-3879 (1988), abstract only		
	414	SCHENK, D., "Amyloid- β immunotherapy for Alzheimer's disease: the end of the beginning," <i>Nature Reviews</i> , 3:824-828 (2002).		
	426	SINGH, K. S., "Neuroautoimmunity: Pathogenic Implications for Alzheimer's Disease," <i>Gerontology</i> , 43:79-94 (1997).		
	438	SINGH, V. K., "Studies of neuroimmune markers in Alzheimer's disease," <i>Mol. Neurobiology</i> , 9(1-3):73-81 (1994), abstract only		
	427	SMITH et al., "The challenges of genome sequence annotation or 'The devil is in the details,'" <i>Nature Biotechnology</i> , 15:1222-1223 (1997).		
	411	SOLOMON et al., "The Amino Terminus of the β -Amyloid Peptide Contains an Essential Epitope for Maintaining Its Solubility," from <i>Progress in Alzheimer's and Parkinson's Diseases</i> , edited by Fisher et al., Plenum Press, New York, pages 205-211 (1995).		
	435	STERN et al., "Antibodies to the β -amyloid peptide cross-react with conformational epitopes in human fibrinogen subunits from peripheral blood," <i>FEBS Letters</i> , 264(1):43-47 (1990).		
	428	VELAZQUEZ et al., "Aspartate residue 7 in amyloid β -protein is critical for classical complement pathway activation: Implications for Alzheimer's disease pathogenesis," <i>Nature Medicine</i> , 3(1):77-79 (1997).		
	410	VERMA et al., "Gene therapy - promises, problems and prospects," <i>Nature</i> , 389:239-242 (1997).		
	429	WELLS, J. A., "Additivity of Mutational Effects in Proteins," <i>Biochemistry</i> , 29(37):8509-8517 (1990).		
	430	YANG et al., "Effects of Racemization on the Aggregational Properties of the Amyloid β -Peptide in Alzheimer's Disease," abstract # 255 from American Chemical Society 214th National Meeting (1997).		

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.